

# AOX1 Rabbit Polyclonal Antibody



CAB3586

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

180kDa

### Calculated MW:

147kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis.

## Immunogen information

### Gene ID:

316

### Uniprot

Q06278

### Synonyms:

AOX1; AO; AOH1

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

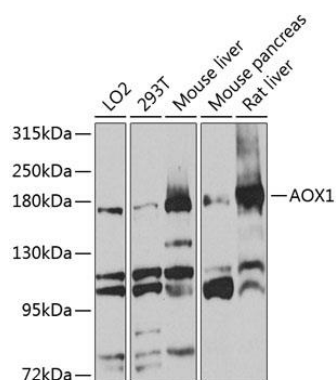
Recombinant fusion protein containing a sequence corresponding to amino acids 340-590 of human AOX1 (NP\_001150.3).

### Storage:

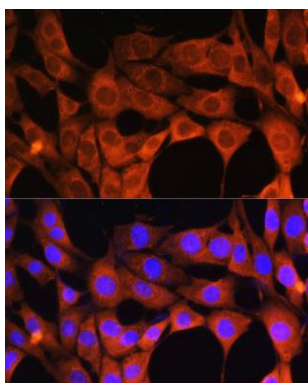
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

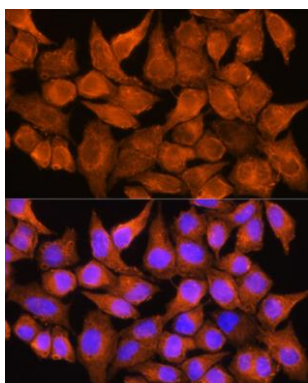
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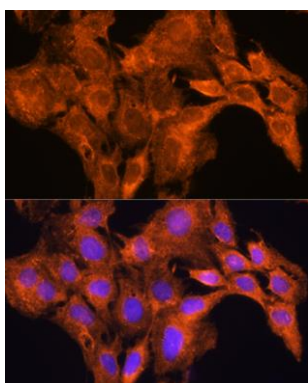
Western blot analysis of extracts of various cell lines, using AOX1 antibody (CAB3586) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunofluorescence analysis of NIH/3T3 cells using AOX1 Rabbit pAb (CAB3586) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using AOX1 Rabbit pAb (CAB3586) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using AOX1 Rabbit pAb (CAB3586) at dilution of 1:100. Blue: DAPI for nuclear staining.